



Patent  
Attorney's Docket No. H1442

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of )  
Wiley Eugene HILL et al. ) Group Art Unit: 2818  
Application No.: 10/728,910 ) Examiner: Tu Tu V. Ho  
Filed: December 8, 2003 )  
For: SRAM FORMATION USING )  
SHADOW IMPLANTATION )

**INFORMATION DISCLOSURE STATEMENT**  
**TRANSMITTAL LETTER**

U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of the IDS is required.
- The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- Charge \$    to Deposit Account No. 50-1070 for the fee due.
- A check in the amount of \$    is enclosed for the fee due.

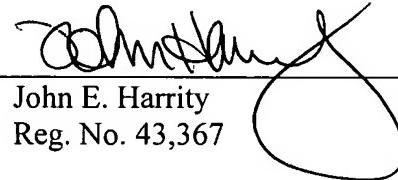
Information Disclosure Statement Transmittal Letter  
Application Serial No. 10/728,910  
Attorney's Docket No. H1442  
Page 2

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

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CUSTOMER NUMBER: 45114

Date: July 1, 2005



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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(i)**

U.S. Patent and Trademark Office  
Customer Service Window, Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(i), applicant(s) bring(s) to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed after payment of the issue fee. Applicant(s) respectfully request(s) that the Examiner place this Information Disclosure Statement and its accompanying PTO 1449 form in the application.

Information Disclosure Statement Under 37 C.F.R. § 1.97(i)  
Application Serial No. 10/728,910  
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Copies of non-U.S. Patent documents are attached.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, applicant(s) reserve(s) the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

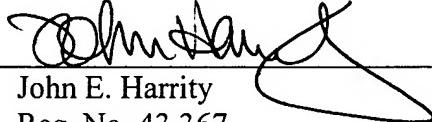
If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

Information Disclosure Statement Under 37 C.F.R. § 1.97(i)  
Application Serial No. 10/728,910  
Attorney's Docket No. H1442  
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If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1070.

Respectfully submitted,

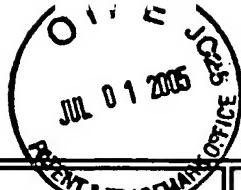
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**CUSTOMER NUMBER: 45114**

Date: July 1, 2005



SHEET 1 OF 1

**INFORMATION  
DISCLOSURE  
CITATION**  
PTO-1449

CUSTOMER  
NUMBER  
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ATTORNEY'S DKT NO.  
H1442

APPLICATION NO.  
10/728,910

APPLICANT(S)  
Wiley Eugene Hill et al.

FILING DATE  
December 8, 2003

GROUP  
2818

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,872,647	03/2005	Yu et al.	438	585	
	US 2004/0108545	06/2004	Y. Ando	257	329	
	US 2004/0188705	09/2004	Yeo et al.	257	170	
	US 2004/0227187	11/2004	Cheng et al.	257	347	
	6,855,588	02/2005	Liao et al.	438	197	
	US 2005/0001273	01/2005	Bryant et al.	257	369	

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	JP 2004-281845	10/2004	Japan				

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

J. I. Bergman et al.: "RTD/CMOS Nanoelectric Circuits: Thin-Film InP-Based Resonant Tunneling Diodes Integrated with CMOS Circuits," IEEE Electron Device Letters, Vol. 20, No. 3, March 1999, pages 119-122.

A. Seabaugh et al.: "Transistors and Tunnel Diodes For Analog/Mixed-Signal Circuits and Embedded Memory," IEDM, December 8, 1998, 4 pages.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).